

Visual Representations for Math Accommodation for Students with a Visual Impairment

Visual Representations for math may be provided as an accommodation to students whose visual impairment precludes them from accessing paper in order to demonstrate what they know and can do. Students who have a visual impairment may need an alternate method to produce written work and demonstrate understanding of math concepts. Visual Representations for math provide the student with an opportunity to demonstrate what they know.

If a student requires visual representations for math, an adult transcriber is required. The adult transcriber will record the student's response on the appropriate answer document or test platform.

Students who are braille readers should have instruction in reading and writing literary braille, as well as reading and writing Nemeth Code. In addition, students who read braille should have instruction in the use of an abacus (scratch paper equivalent) and reading, interpreting and producing tactile graphs and charts. These are the same skills that same-age sighted peers and print readers learn in school, and they should not be omitted because they are difficult.

Materials that are recommended for reading, interpreting and producing tactile graphs and charts AND that may be required for testing include:

- braille writer,
- braille paper,
- braille graph paper,
- abacus,
- graph board or cork board,
- pins/tacks, and
- crayons, pins, tactile stickers, play-dough dots (for marking).

Most of these items are available free through [American Printing House for the Blind, Inc.](#) with Federal Quota funds. Please contact Lori.Nixon@tn.gov with any questions regarding accommodations for students with a disability.